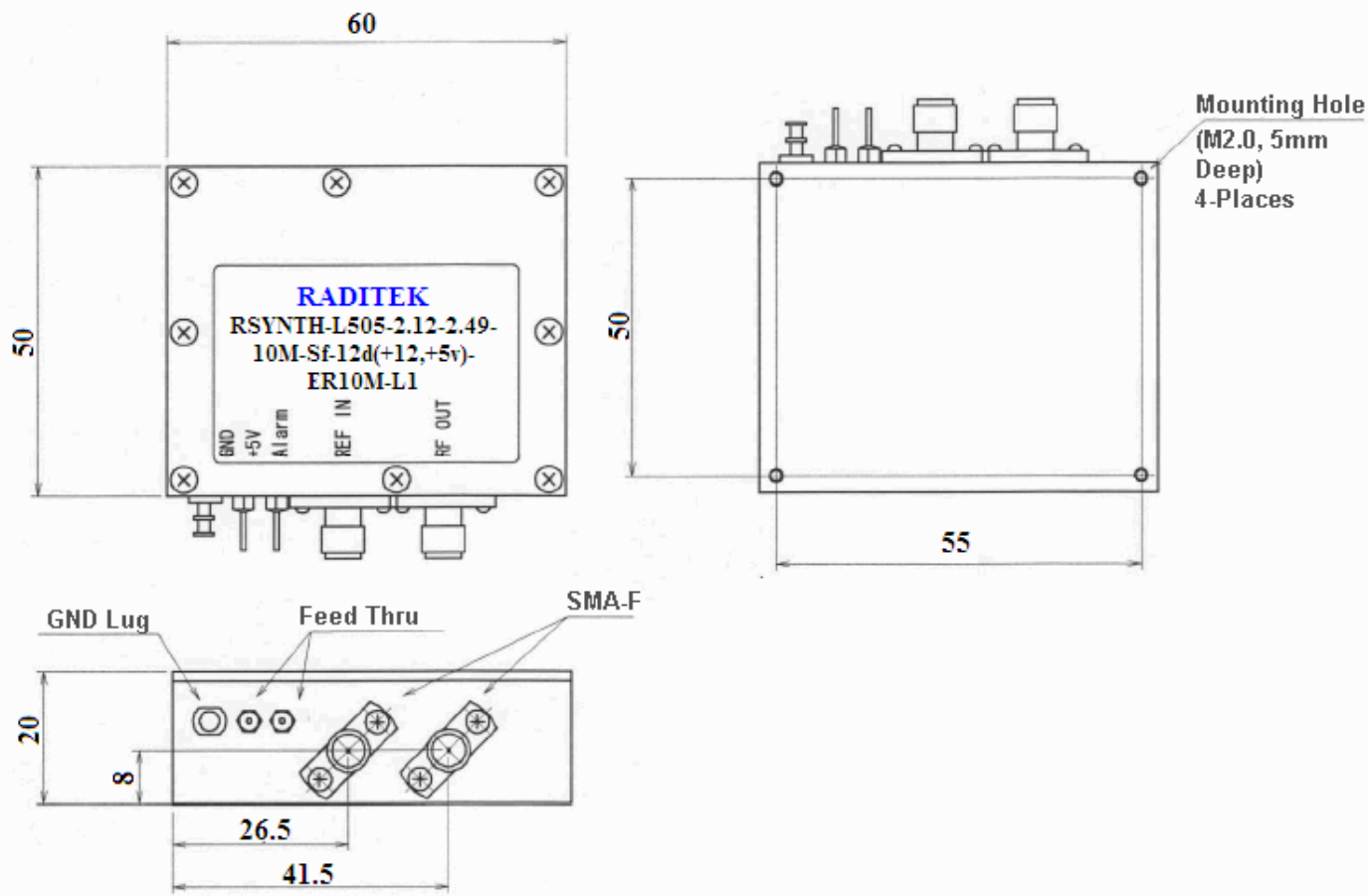


Synthesizer, 2.12-2.49 GHz, 12dBm, +12, +5Volts
10MHz Step Size, SMA Female Connectors, 10 MHz External Reference
Variable Frequency: 2.12-2.49 GHz, 10 MHz step size
RSYNTH-L505-2.12-2.49-10M-Sf-12d(+12,+5v)-ER10M-L1

code-L1



Order Examples: RSYNTH-L505-2.12-2.49-10M-Sf-12d(+12,+5v)-ER10M-L1

Electrical Performance		Units
Frequency	2.12~2.49	GHz
Frequency Step	10	MHz
RF Output Level	+12	dBm
Spurious, Harmonics	≤-15	dBc
Non- Harmonics	≤-60	dBc
SSB Phase Noise, offset		
• 100 Hz	≤-85	dBc/Hz
• 1 kHz	≤-90	dBc/Hz
• 10 kHz	≤-95	dBc/Hz
• 100kHz	≤-115	dBc/Hz

Synthesizer, 2.12-2.49 GHz, 12dBm, +12, +5Volts
10MHz Step Size, SMA Female Connectors, 10 MHz External Reference
Variable Frequency: 2.12-2.49 GHz, 10 MHz step size
RSYNTH-L505-2.12-2.49-10M-Sf-12d(+12,+5v)-ER10M-L1

code-L1

Electrical Performance		Units
External Reference IN	10 C/N=-150 dBc/Hz at 1kHz offset	MHz, 0dBm
Frequency Stability	Same as Ext. Ref. IN.	
Frequency Control	7 bits parallel Level: TTL	
<u>Alarm Output</u>		
• Lock	TTL-Hi	
• Unlock	TTL-Lo	
Lock-up time (setting time)	10	msec
DC Bias	100 20	mA typical @+5V DC mA typical @+12V DC
Operating Temp. Range	-10 ~ +60	° C
<u>Package and Connectors</u>		
• Size	60 x50x20	mm
• Connectors	RF Out, Ref In, SMA (F)	
• Feedthrough	DC input, Alarm Out	